

PN - KR9601009 B1 19960117

AP - KR19930006067 19930412

TI - GLASS COMPOSITION FOR SEALING

EC - C03C8/24

IC - C04B35/18; C03C10/00

PA - KEUMKANG CO LTD [KR]

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PR - KR19930006067 19930412

DT - WF

AB - The title composition comprises 88-92 wt% alumina(Al₂O₃), 3-5 wt% silica(SiO₂), 0.5-1.5 wt% magnesia(MgO), 0.5-1.5 wt% calcia(CaO), 1-3 wt% manganese oxide(MnO), 1-2 wt% chromia(Cr₂O₃) and 0.5-1 wt% zirconia(ZrO₂). The used alumina powder has 70% of 2-4 microns size particles and 30% of 0.4-0.5 microns size particles, and the particle size of the silica is 1-3 microns. The total weight of MgO, CaO, MnO, Cr₂O₃ and ZrO₂ is 5-7% with respect to the whole weight of the composition.